

|   | L # | Hits  | Search Text  | DBs   | Time Stamp          |
|---|-----|-------|--|---|---------------------|
| 1 | L1  | 28286 | (pigment or chromophore or carbon<br>adj black) near10 (treat\$4 or<br>modif\$6 or bond\$3 or attach\$4)               | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>15:54 |
| 2 | L2  | 626   | 1 near10 polymer   | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>13:11 |
| 3 | L3  | 538   | 2 and ink  | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>12:22 |
| 4 | L4  | 1890  | (pigment or chromophore or carbon<br>adj black) near10 (react\$4 or<br>graft\$4) near10 polymer                        | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>13:01 |
| 5 | L5  | 406   | 4 and ink  | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>13:02 |
| 6 | L6  | 21    | 4 near10 alkyl   | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>13:03 |
| 7 | L7  | 305   | 5 not 3  | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>13:10 |
| 8 | L8  | 18    | ((("6059870") or ("5935309") or<br>("5145524") or ("5310887") or<br>("5667569") or ("5596027") or<br>("4846893"))).PN. | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>13:11 |
| 9 | L9  | 810   | 1 near10 (alkyl or aromatic)   | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>13:12 |

|    | L # | Hits | Search Text   | DBs   | Time Stamp          |
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| 10 | L10 | 136  | 9 and (2 or 4)  | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>13:12 |
| 11 | L12 | 9    | jp-01138271-\$.did. or<br>jp-07316481-\$.did. or<br>jp-11279468-\$.did. or<br>jp-01284564-\$.did. or<br>jp-54002490-\$.did.   | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>13:19 |
| 12 | L13 | 299  | (pigment or chromophore or carbon<br>adj black) near10 (treat\$4 or<br>modif\$6 or bond\$3 or attach\$4 or<br>react\$4 or graft\$4) near10<br>(polymer or resin or polyamide or<br>polyurethane or polyester or<br>polyolefin or acrylic or<br>polystyrene or polyvinyl adj<br>alcohol) near10 (alkyl or<br>aromatic) | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>15:59 |
| 13 | L14 | 7    | ((("3043708") or ("4014844"))).PN.  | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>13:33 |
| 14 | L15 | 1294 | (pigment or chromophore or carbon<br>adj black) near10 (treat\$4 or<br>modif\$6 or bond\$3 or attach\$4 or<br>react\$4 or graft\$4) near10 (alkyl<br>or aromatic)   | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>15:47 |
| 15 | L16 | 79   | 15 near10 substitut\$3  | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>15:31 |
| 16 | L17 | 291  | 15 near10 (polymer or resin or<br>polyamide or polyurethane or<br>polyester or polyolefin or<br>acrylic or polystyrene or<br>polyvinyl adj alcohol)   | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>15:35 |
| 17 | L18 | 902  | 15 and 1  | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>15:47 |

|    | L # | Hits | Search Text   | DBs   | Time Stamp          |
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| 18 | L19 | 711  | 18 not 17   | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>15:44 |
| 19 | L20 | 233  | 19 and ink  | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>15:47 |
| 20 | L21 | 122  | 15 and 2  | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>15:47 |
| 21 | L22 | 40   | 21 and ink  | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>15:47 |
| 22 | L23 | 954  | (pigment or chromophore or carbon<br>adj black) near5 (polymer or<br>resin or polyamide or<br>polyurethane or polyester or<br>polyolefin or acrylic or<br>polystyrene or polyvinyl adj<br>alcohol) near5 (alkyl or<br>aromatic) | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>15:53 |
| 23 | L24 | 237  | 23 and ink  | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>15:53 |
| 24 | L25 | 94   | 23 near5 (treat\$4 or modif\$6 or<br>bond\$3 or attach\$4 or react\$3 or<br>graft\$3)   | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>15:59 |
| 25 | L26 | 41   | 15 and ink and cabot.asn.   | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>15:59 |

|    | L # | Hits | Search Text  | DBs   | Time Stamp          |
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| 26 | L27 | 35   | 26 and (polymer or resin or<br>polyamide or polyurethane or<br>polyester or polyolefin or<br>acrylic or polystyrene or<br>polyvinyl adj alcohol) | USPAT;<br>US-PGPU<br>B; EPO;<br>JPO;<br>DERWENT<br>; IBM<br>TDB | 2001/09/13<br>16:00 |